



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Thursday, September 1



Day 1 (Thursday): Very hot, dangerous, and near record-setting temperatures are expected across much of Southern California and spreading into parts of the Central Valley. Fire weather conditions will also remain highly elevated for much of the state due to the building heat and ongoing very dry conditions.



Weather Risk Outlook

Regional Operations Center
Western Region
Thursday, September 1

	Thu, Sep 1	Fri, Sep 2	Sat, Sep 3	Sun, Sep 4	Mon, Sep 5	Tue, Sep 6	Wed, Sep 7
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland Southern
Thunderstorms Wind / Hail / Tornadoes							
Heat	Inland/ Southern	Inland/ Southern	All Regions	All Regions	All Regions	Inland	Inland
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow							
Snow							
Coastal Flooding							
Risk Levels	Little to None	Minor		Moderate		Major	Extreme



Weather Key Points

Regional Operations Center

Western Region

Thursday, September 1

- A dangerous heat wave will continue building from Southern California Thursday through the Central Valley and along many southern and central coastal areas through the Labor Day weekend, persisting through at least the middle of next week
 - Widespread temperatures of 95-114°F are forecast for inland areas each day, with temperatures well into the 80s and 90s even spreading to central and southern coastal areas through late week and the weekend
 - These readings will likely set daily records, and may approach all-time records for the month of September
 - Slightly cooler but still hot conditions will be seen over northeastern California, including the Modoc Plateau, with daytime high temperatures in the 90s to around 100°F
 - High to very high heat risk impacts are likely for many areas of the state, with impacts further compounded by very warm overnight temperatures in the 70s and 80s
- Fire weather conditions will remain highly elevated for many areas due to the combination of hot and dry weather, despite any widespread strong winds
 - Any new fires could develop and spread quickly given the record-setting nature of the heat and the ongoing drought
 - A period of more widespread gusty winds is expected across far northern California on Friday, and may result in critical fire weather conditions
 - A few isolated thunderstorms are also possible over the southern mountains and possibly the southern Sierra Friday through Monday. No significant precipitation is expected but some lightning strikes could occur.



Precipitation Forecast

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Western Region
Thursday, September 1

No Significant Precipitation Expected Over the Next 7 Days

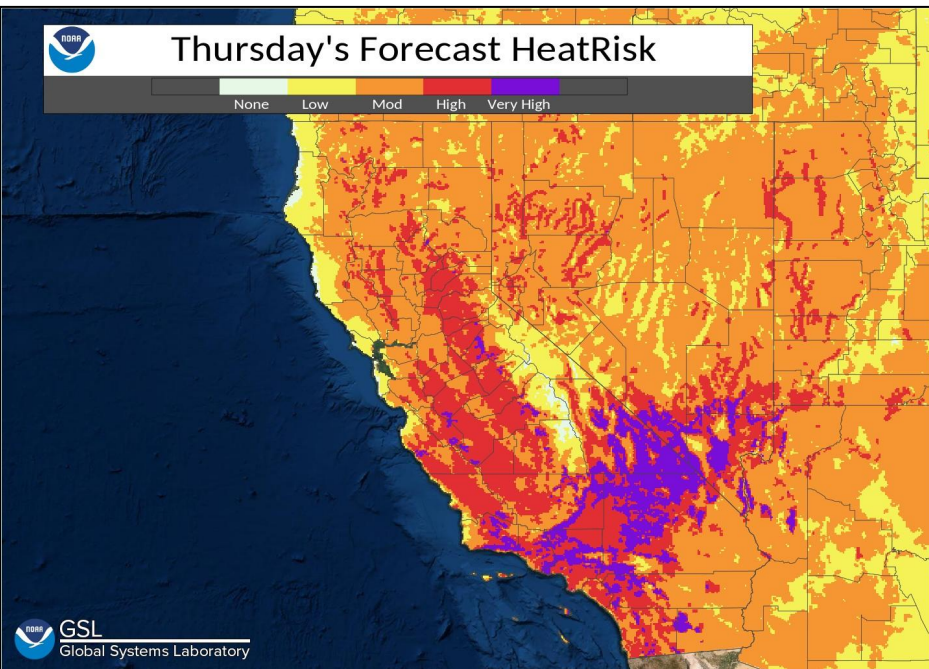
Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



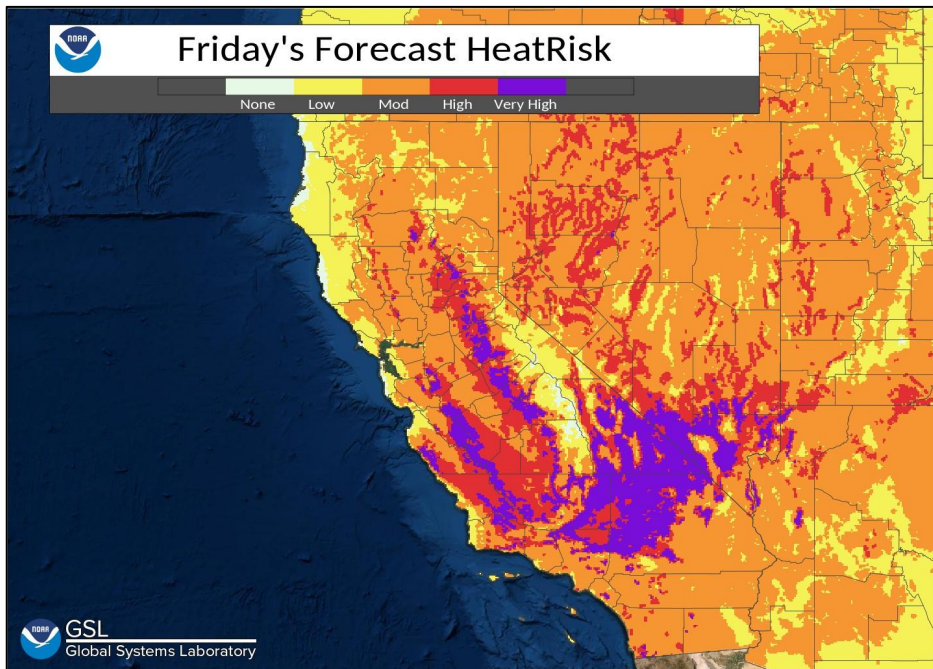
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

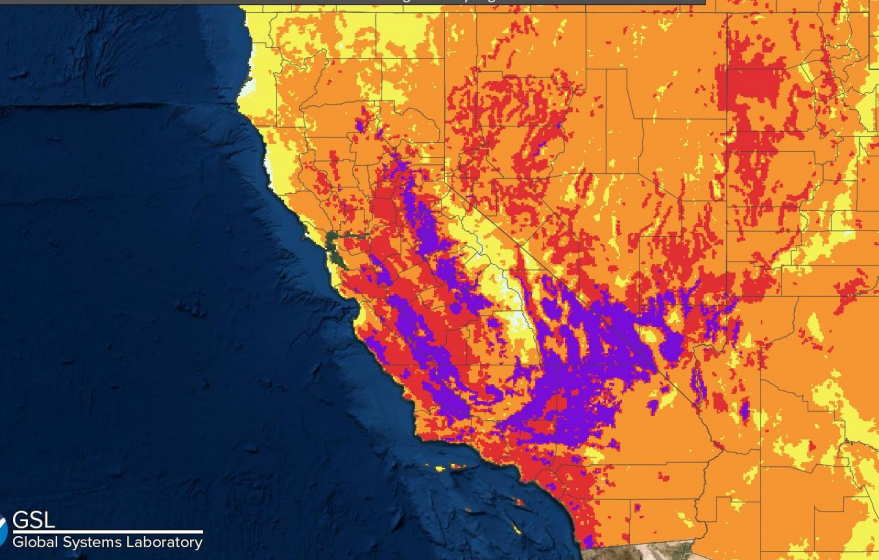
None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

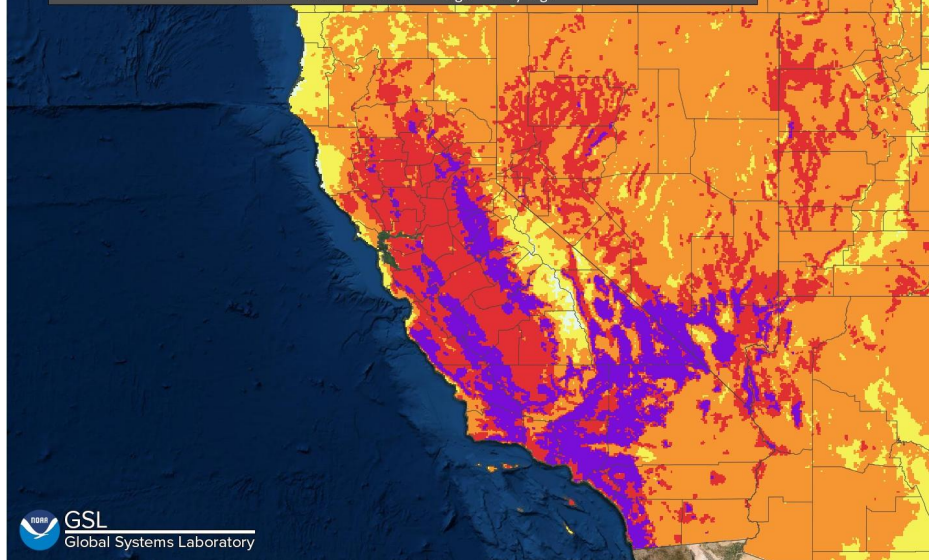
Saturday's Forecast HeatRisk

None Low Mod High Very High



Sunday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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Mon-Tue Heat Risk

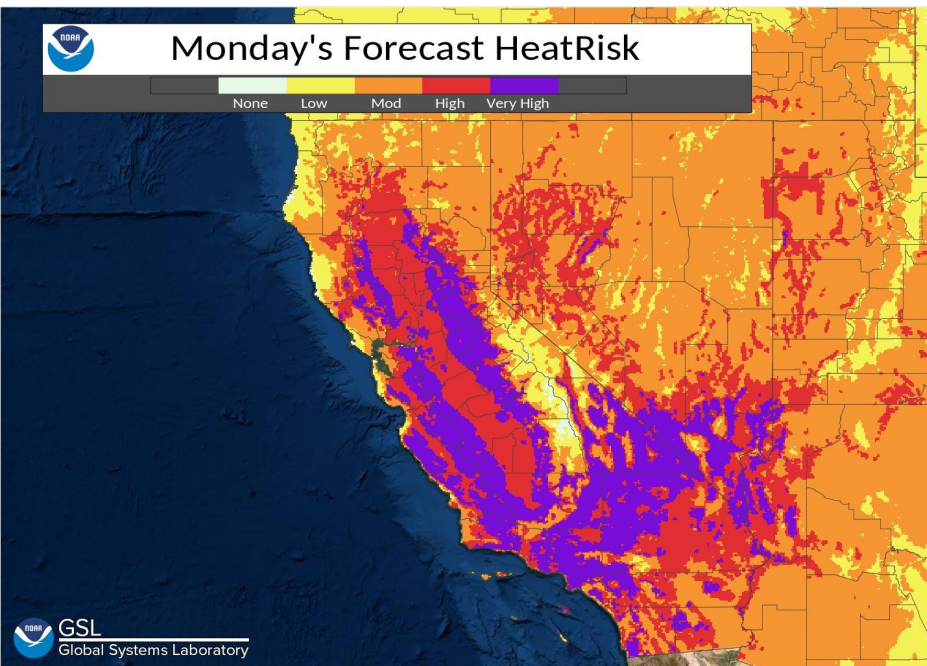
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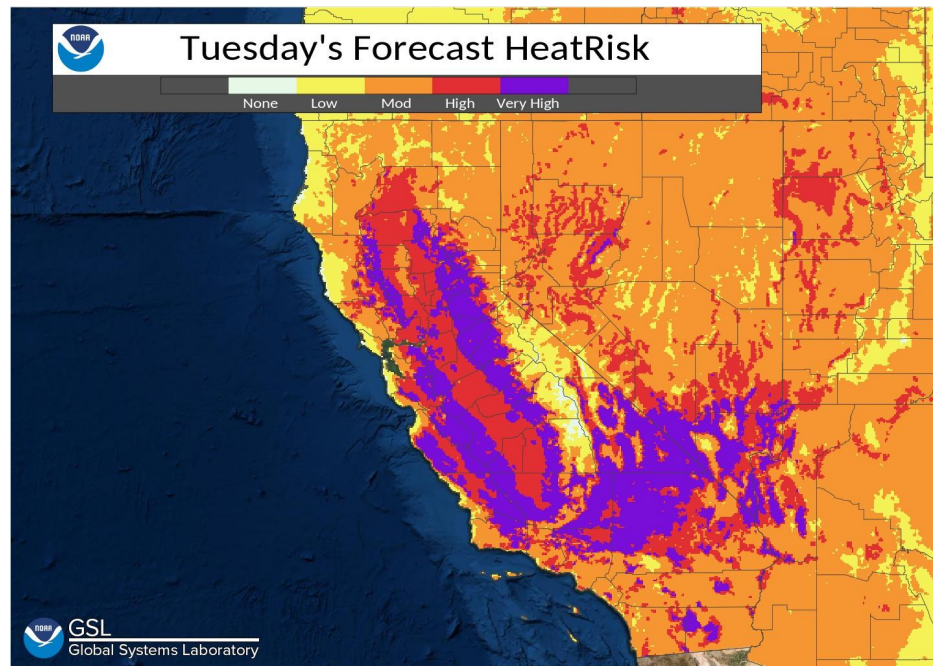
Monday's Forecast HeatRisk

None Low Mod High Very High



Tuesday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

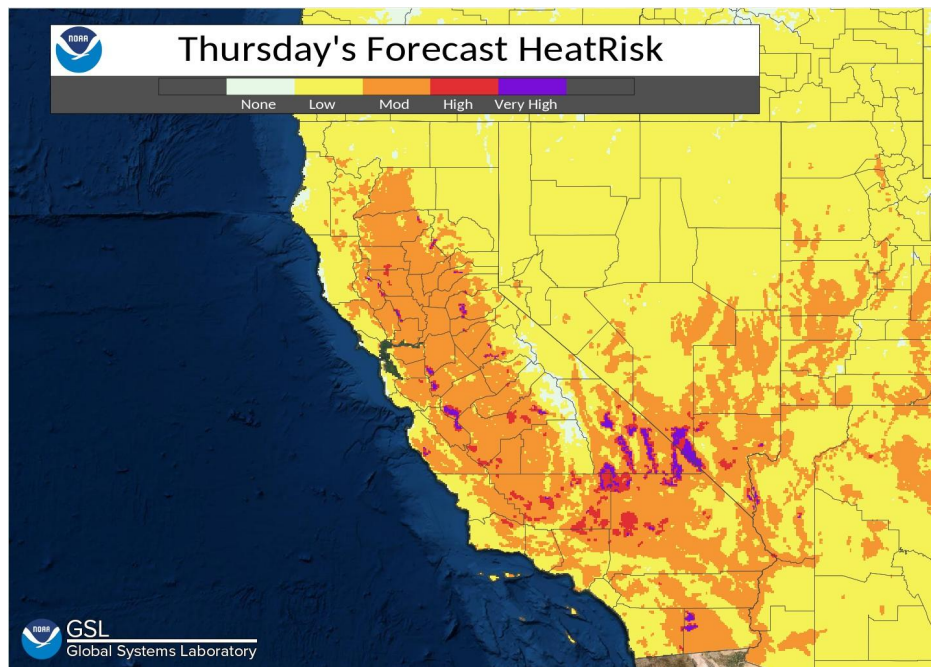
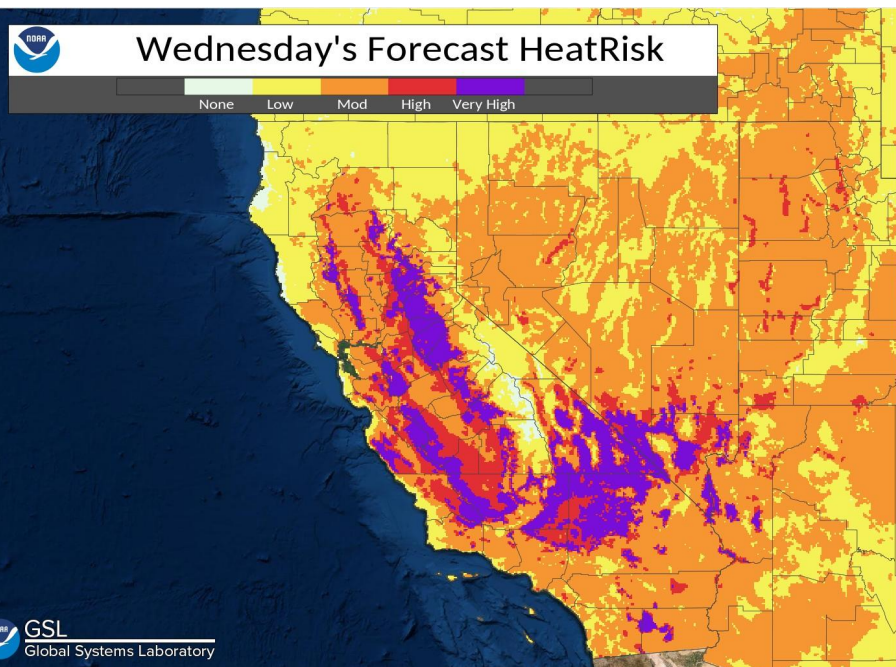
Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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Tue-Wed Heat Risk

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Thursday, September 1

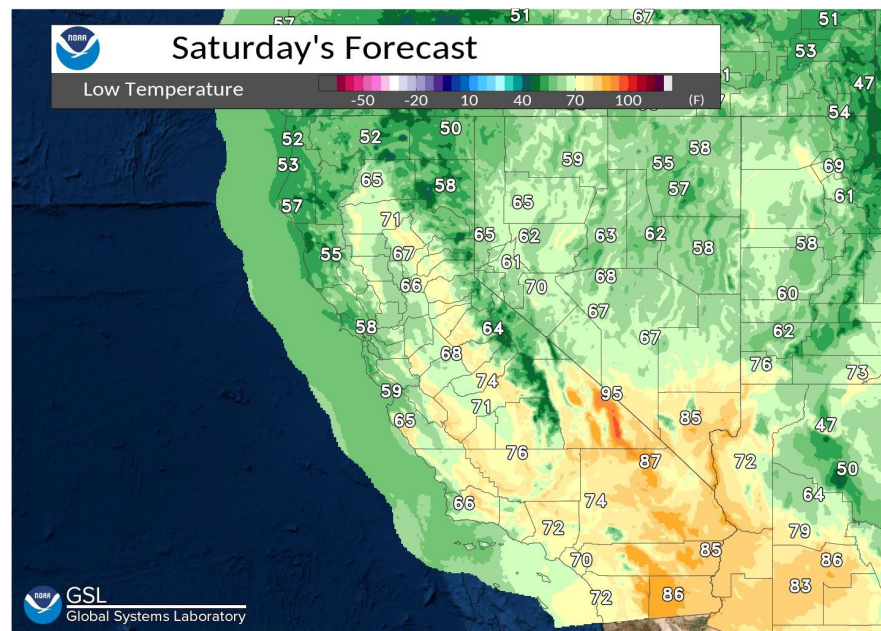


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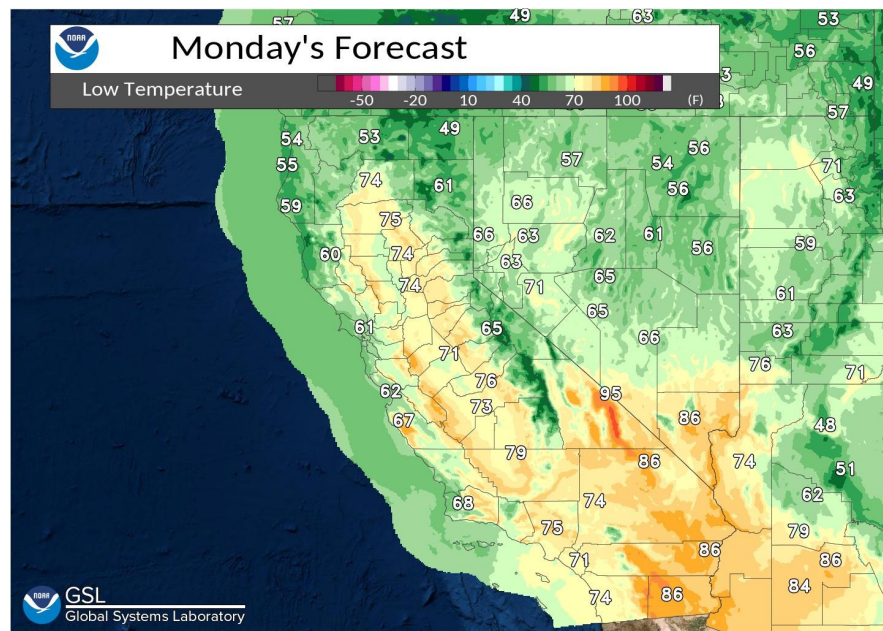
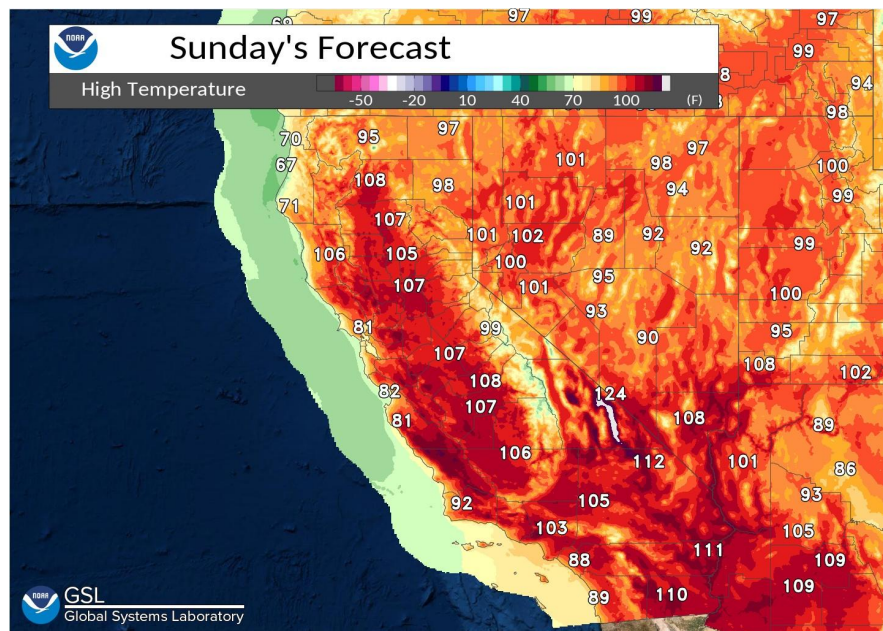
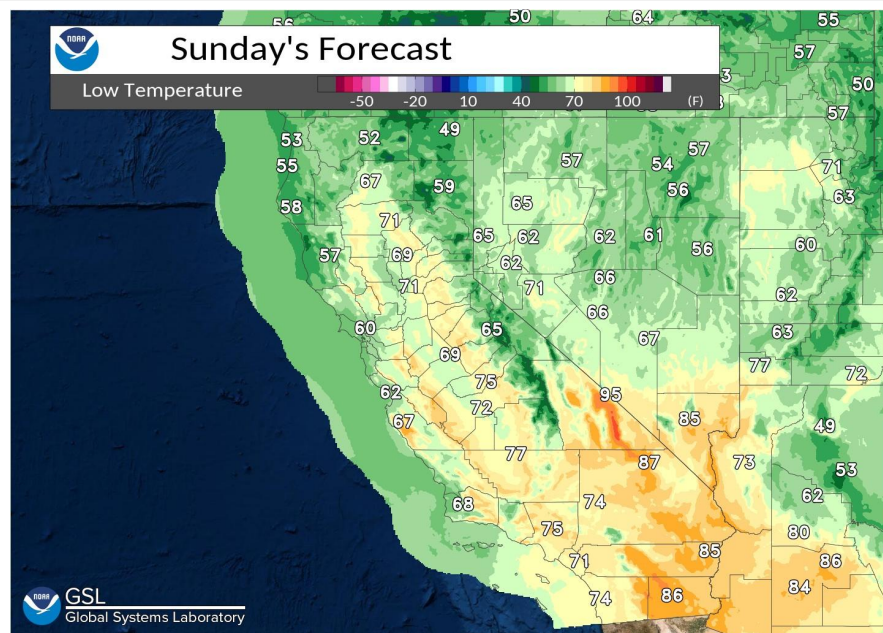
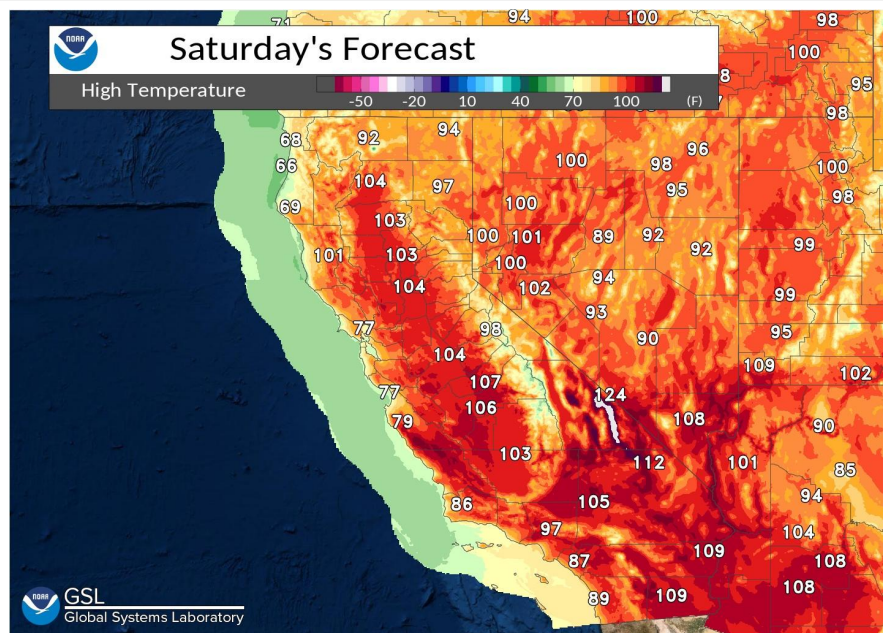


Sat-Sun Temperatures

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Thursday, September 1



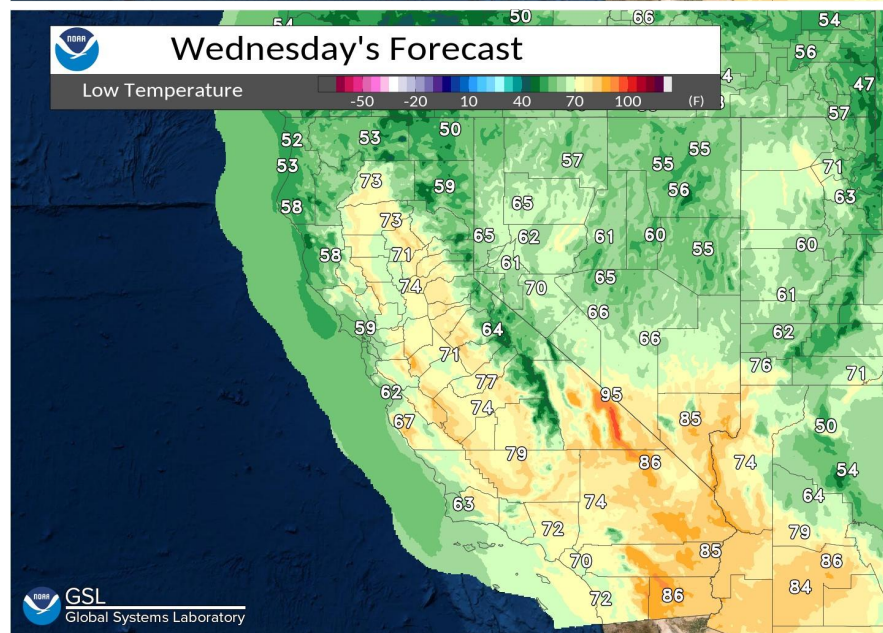
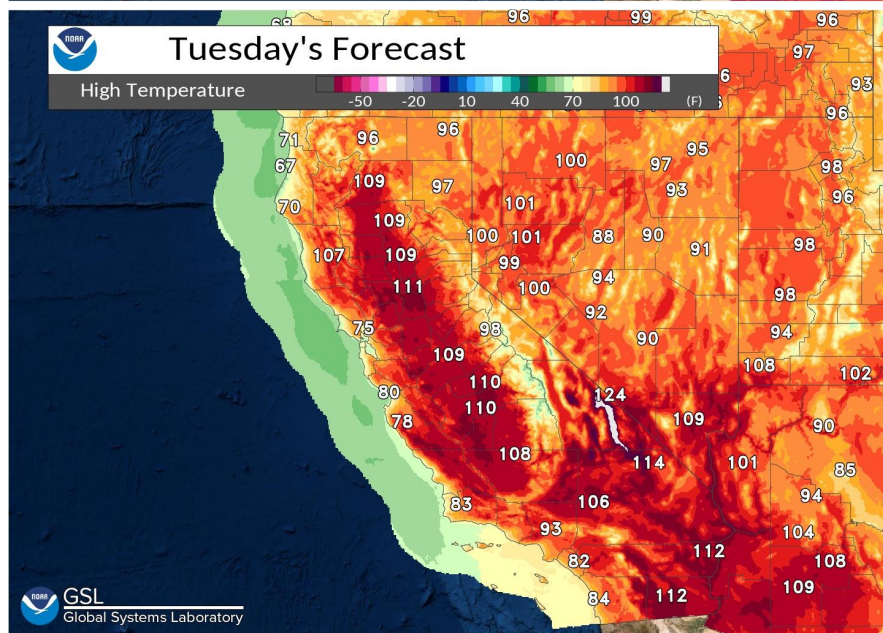
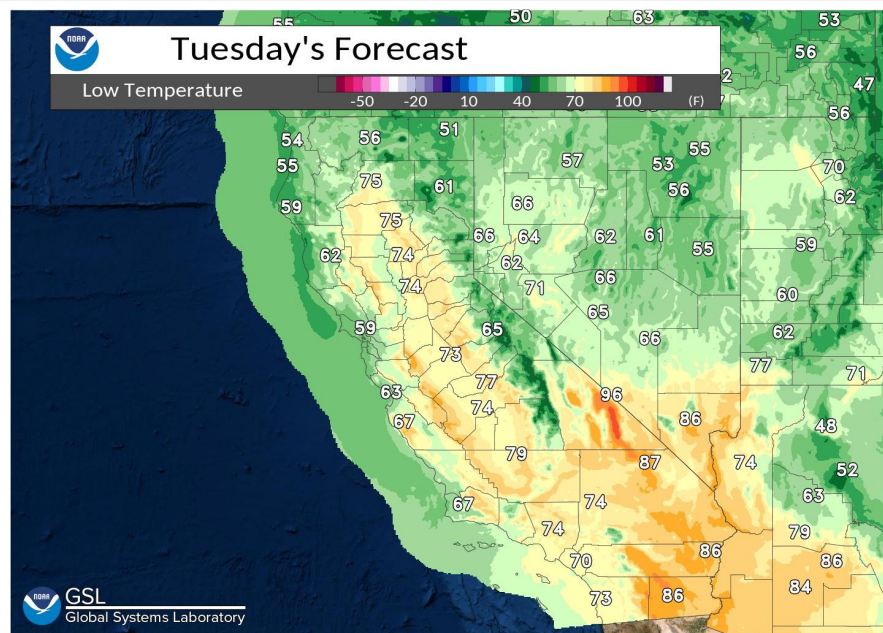
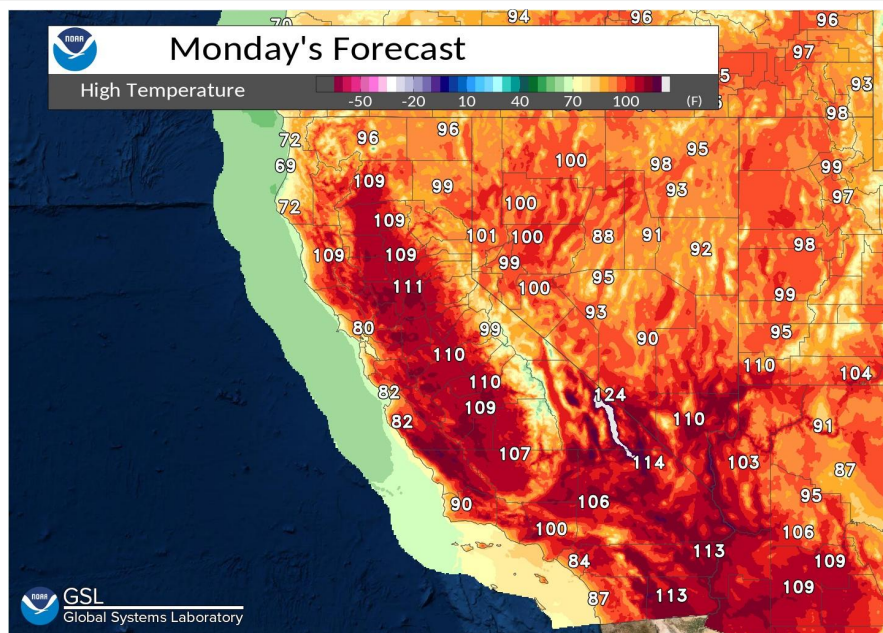


Mon-Tue Temperatures

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Weather Outlook (6-14 Days)

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Thursday, September 1

6-10 Day Outlook (September 6 – September 10)

Temperatures

- Above normal temperatures are strongly favored to continue statewide

Precipitation

- Above normal precipitation is slightly favored across much of southern California, with near normal precipitation favored for central portions of the state, and below normal precipitation favored over the north

8-14 Day Outlook (September 8 – September 14)

Temperatures

- Above normal temperatures are again favored across the state

Precipitation

- Above normal precipitation is favored over southern California once again, with near normal precipitation favored for central California and below normal amounts favored across the north



Risk Assessment Matrix

Regional Operations Center

Western Region

Thursday, September 1

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

